9A09899000

TEAC

GF-188

Compact Hi-Fi Stereo System

Owner's Manual

Thank you for choosing TEAC. Read this manual carefully to get the best performance from this unit.

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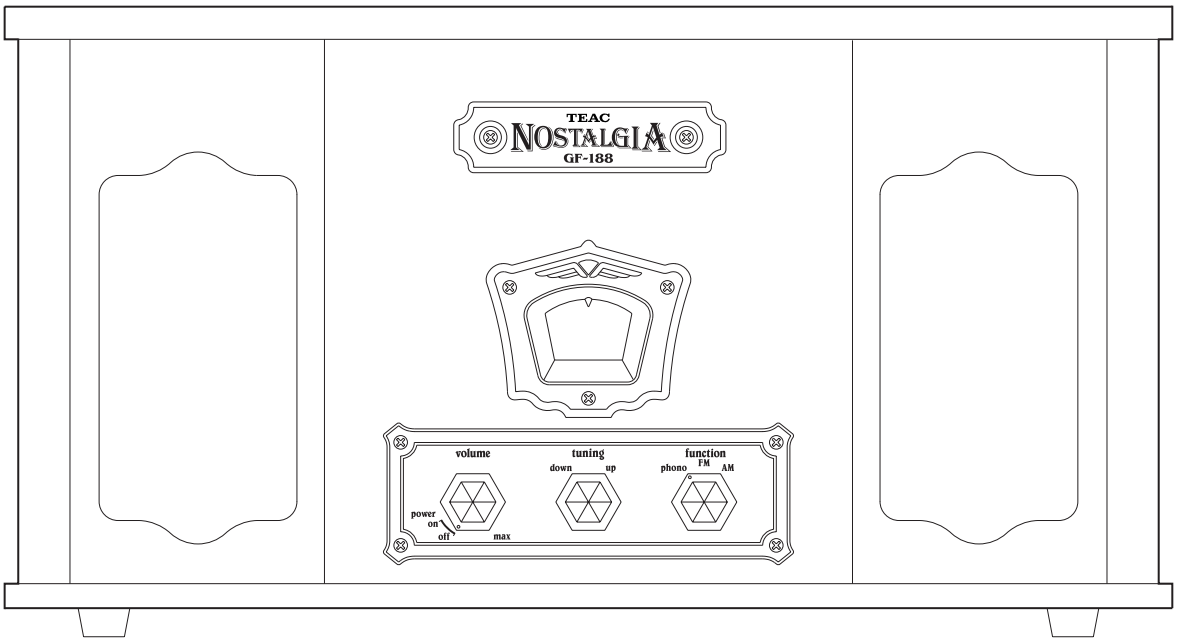


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Do not expose this apparatus to dripps or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus draws nominal non-operating power from the AC outlet with its POWER switch in the off position.

WARNING : TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

- DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE WITHIN!
- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT TEAC FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.

For U.S.A.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the equipment and/or the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Changes or modifications to this equipments not expressly approved by TEAC CORPORATION for compliance will void the user's warranty.

Before Use

Read this before operation

- As the unit may become warm during operation, always leave sufficient space around the unit for ventilation.
- The voltage supplied to the unit should match the voltage as printed on the rear panel. If you are in any doubt regarding this matter, consult an electrician.
- Choose the installation location of your unit carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, heat, cold or moisture.
- Do not place the unit on an amplifier/receiver or any other electronic device that generates heat.
- Do not open the sealed cabinet as this might result in damage to the circuitry or electrical shock. If a foreign object should get into the set, contact your dealer or service agency.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank the cord.
- Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry cloth or a cleaner specifically formulated for plastics.
- Keep this manual in a safe place for future reference.

DO NOT MOVE THE UNIT DURING PLAYBACK

Do NOT lift or move the unit during playback. Doing so may damage the record.

WHEN MOVING THIS UNIT

When changing places of installation or packing the unit for moving, be sure to remove the record and snap the clamper up to secure the tone arm. Moving this unit with the record loaded may result in damage to this unit. If the unit is to be packed and moved a large distance, it is also advisable to tighten the turntable transport locking screws. See page 5 for instructions.

Beware of condensation

When the unit (or a record) is moved from a cold to a warm place, or used after a sudden temperature change, there is a danger of condensation; vapor in the air could condense on the internal mechanism, making correct operation erratic or impossible. To prevent this, or if this occurs, leave the unit for one or two hours with the power turned on. The unit will stabilize at the temperature of its surroundings.

Maintenance

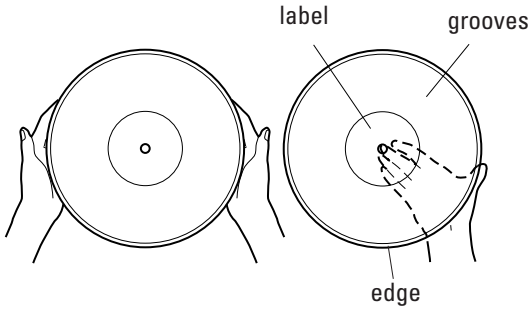
Always keep the turntable clean.
If the surface of the unit gets dirty, wipe with a soft cloth or use diluted mild liquid soap. Be sure to remove any excess completely. Do not use thinner, benzine or alcohol as they may damage the surface of the unit. Allow the surface of the unit to dry completely before using

CAUTION
Do not expose this unit to liquids of any kind. Keep any objects containing liquids such as vases, water glasses, potted plants, et cetera off the top of this unit.

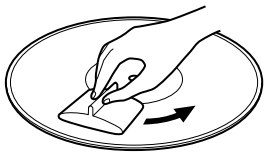
Do not install this equipment in a confined space such as a book-case or similar unit.

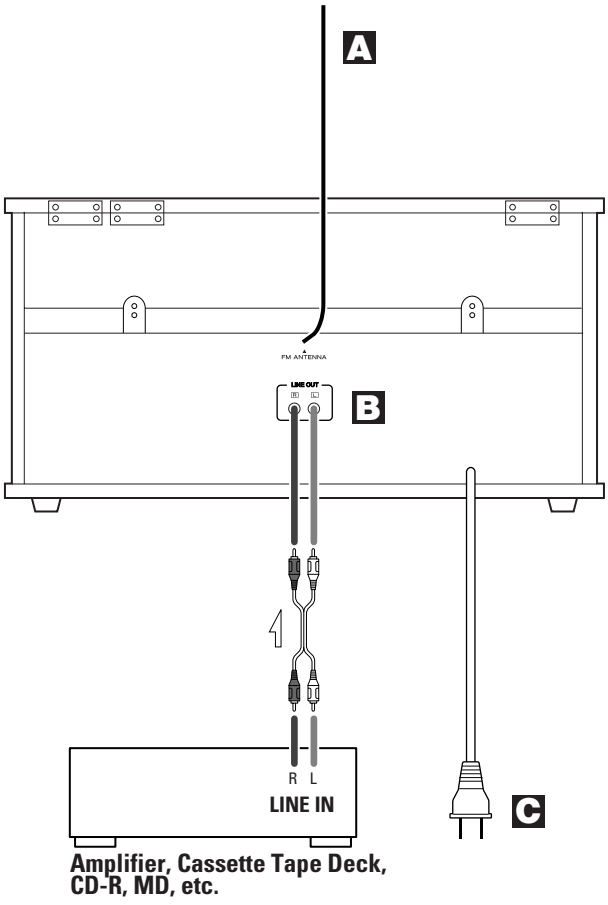
Handling Records

- Do not touch grooves. Handle records by the edges or the label only, with clean hands. Skin oils from even clean hands can leave a residue on the record surface that will gradually deteriorate the quality of your record.



- Keep your records away from dust. Keep them in a cool, dry place.
- To avoid dust and scratches, keep records in their sleeves and jackets when not in use.
- Store records upright on their edges. Records stored horizontally will eventually bend and warp.
- Do not expose records to direct sunlight or high humidity and temperature. Long exposure to high temperatures will warp the record.
- Do not store your records in the trunk of your car. The temperatures in a closed trunk can ruin your collection.
- Store records in an area with stable temperature and humidity.
- Should the record become dirty, gently wipe the surface in a circular motion, using a soft anti-static cloth.
  Many commercial record cleaning systems are available from many retailers or on-line. TEAC does not endorse any specific product but, depending on the condition of your record collection, it may be advisable to look into one of these systems. Clean records protect your stylus from undue wear.





CAUTION

Turn off the power of all the equipment before making connections.
Read instructions of each component you intend to use with this unit.

- Be sure to insert each plug securely. To prevent hum and noise, do not bundle the connection cords with the power cord.

A FM antenna

While in FM mode, tune in an FM station and extend the lead to find the best position for the reception. This antenna may need to be repositioned if you move your unit to a new location.

B LINE OUT jacks

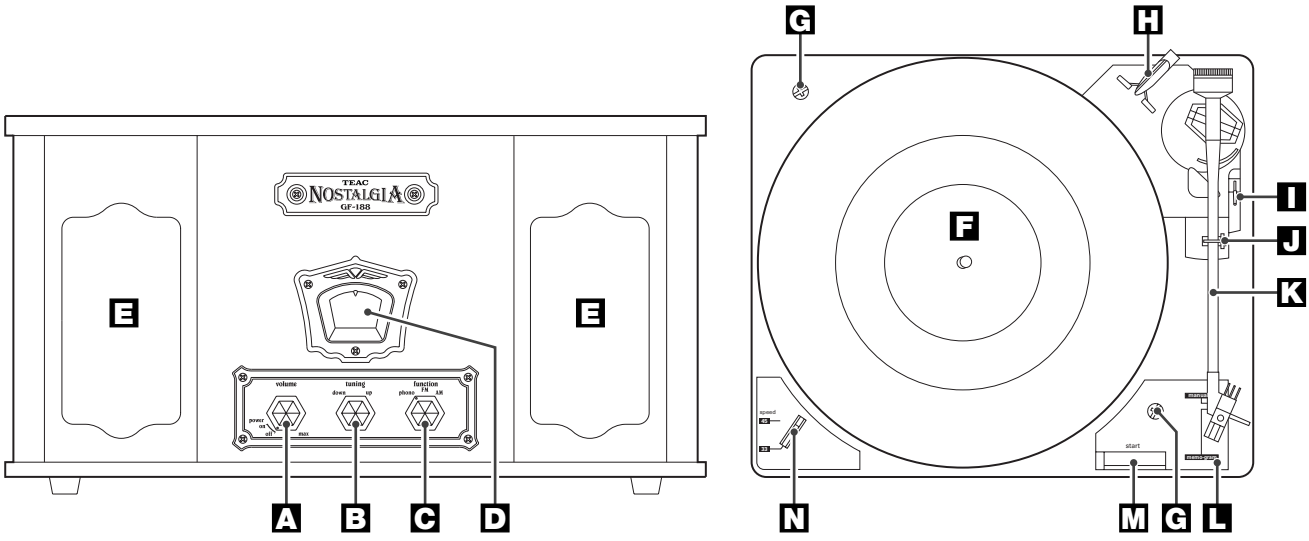
You can connect this unit to an external amplifier, cassette tape deck, etc.
Connect the component with RCA pin cords. Make sure to connect the white plug to the white jacks (Left) and the red plug to the red jacks (Right).

Note:

- This output jack is a "line level" output. Do NOT connect to the "PHONO" jack on your amplifier or distortion may occur.
- The volume level of line output cannot be adjusted by the VOLUME control knob of this unit. Use the volume control of your amplifier to adjust the volume.

C AC Power Cord

Plug this AC power cord into an AC wall socket.



A VOLUME knob (power switch)

Turn the knob clockwise till a click is heard to turn the unit on. Then turn the knob to adjust the volume.
When not in use, turn the knob counterclockwise till a click is heard to turn the unit off.

> The equipment draws a nominal amount of power from the AC outlet even with its POWER switch in the OFF position.

B TUNING knob

Turn this knob to tune in a station.

C FUNCTION knob

Turn this knob to select PHONO, AM or FM.

D Display panel

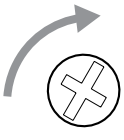
When the unit is on, this display will light.

E Speakers (stereo)

F turntable

G screw fixing the turntable for transportation

Before use, completely loosen the screws by turning it clockwise with a screwdriver or coin.



When you transport the unit, turn the screws counterclockwise to fix the turntable.

H record stabilizing clip

I cue-lever

Use this lever to lift the tone arm.

J tone arm holder

K tone arm

L record selector

M START button

Press this button to start playback.

N speed selector

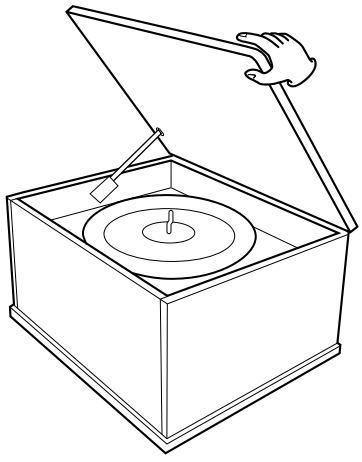
How to open/close the turntable cover

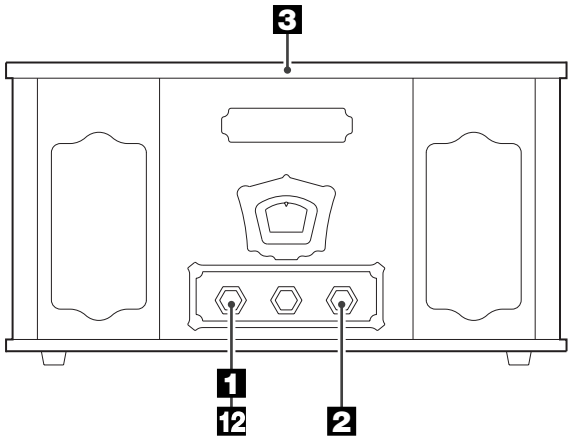
To Open:

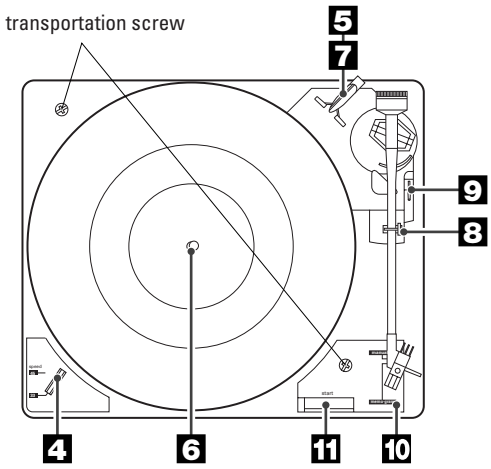
1. Lift the turntable cover all the way up until it stops.
2. Lower the cover slowly until the latch engages.
3. The cover will now stay open. If the latch does not engage, repeat these steps again.

To Close:

1. Lift the cover all the way up until it stops.
2. The latch should disengage and you may now slowly lower the cover.
3. Make sure you grasp the cover by the edges to avoid pinching your fingers as it closes.



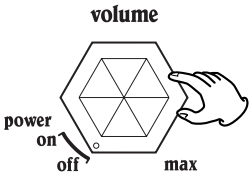




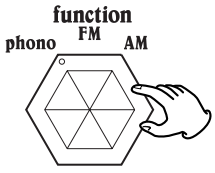
- Before use, completely loosen the two transportation screws by turning them **clockwise** with a screwdriver or coin.
- Do not touch the metallic part of the cartridge while the unit is on, or a loud noise may be heard.
- Use "LP" sized 12" (30 cm) records only in automatic changing mode. 45RPM records or 10" 78 RPM and phono sheet cannot be automatically played with this unit. These smaller sized records may be played individually in manual mode only! 45 RPM records will require a spindle adapter to reduce the size of the center hole to fit the spindle.

1 Turn the VOLUME knob clockwise till a click is heard to turn the unit on.

- A slight noise may occur when the unit is first turned on.

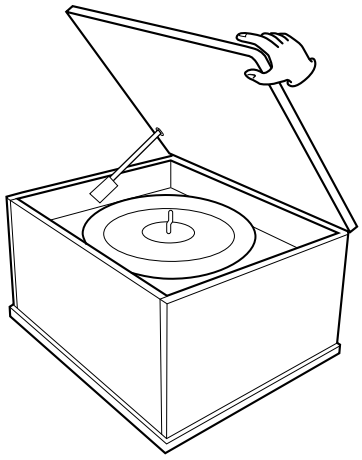


2 Turn the FUNCTION knob to "phono".

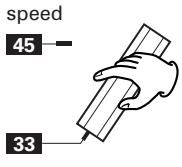


3 Gently open the turntable cover by lifting completely and then slowly lowering the lid until it stops.

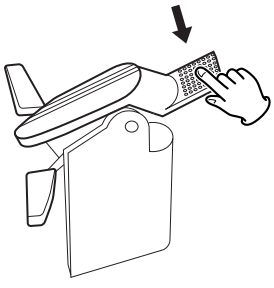
Be careful not to pinch your fingers.



4 Select the speed.

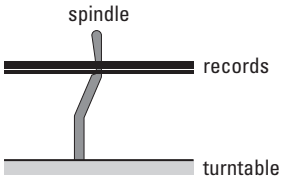


5 Push the tab to open the record stabilizing clip.



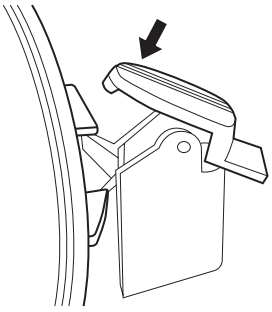
6 Set the records on the spindle until they rest on the detented position half way down the spindle.

Do not stack more than 5 records.

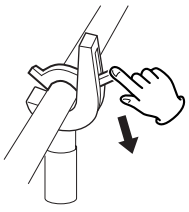


7 Snap the stabilizing tab up to clip the records in place.

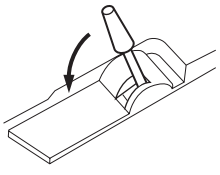
Make sure the records are level.



8 Gently push the clamper to release the tone arm.

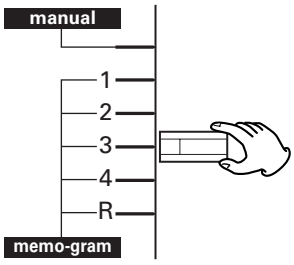


9 If the tone arm is lifted, release the cue lever.



10 Slide the switch to select the number of records on the stack.

The turntable will begin to turn.

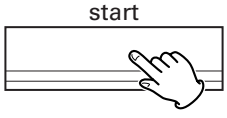


Set the selector to the appropriate number:

1: The lowest record will be played once.
2: Two records will be played once each.
3: Three records will be played once each.
4: Four records will be played once each.
R: Four records will be played once each. The fifth (or the uppermost) record will be played repeatedly.

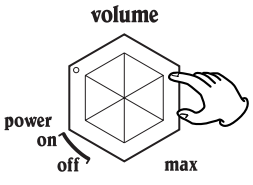
Note:
If you select "4" with only one record set, it will be played four times.

11 Press the start button to start playback.



The lowest record falls on the turntable, the tone arm automatically moves to the edge of the record and begins playing. If the tonearm does not lower onto the record, make sure the tone arm cue lever is moved to the "lowered" position (Toward the front of the unit).

12 Turn the VOLUME knob to adjust the volume.

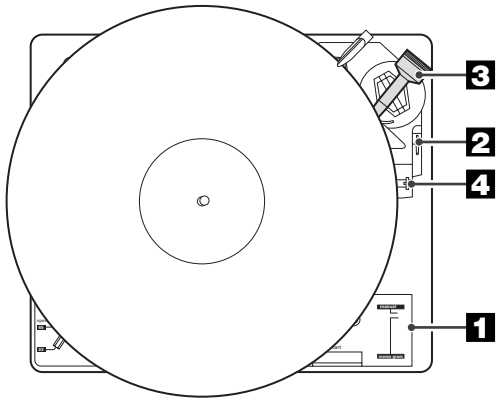


- Playing records with the turntable cover down will prevent dust from settling on the turntable.

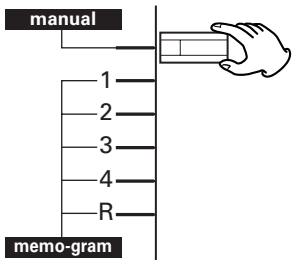
Please do not place anything on top of the turntable cover, especially while playing a record.

When playback has finished, the tone arm will return to the tone arm holder and the turntable rotation will stop.
Turn the VOLUME knob counterclockwise till a click is heard to turn the unit off.

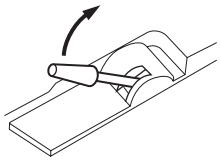
To stop playback



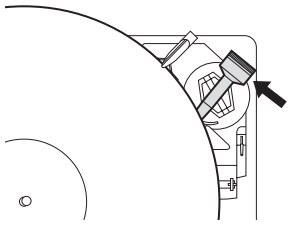
1 Select "manual".



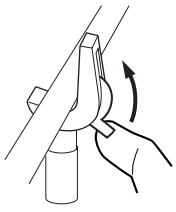
2 Slightly lift the tone arm using the cue lever.



3 Gently push the tone arm to the right and return the tone arm to the tone arm holder.



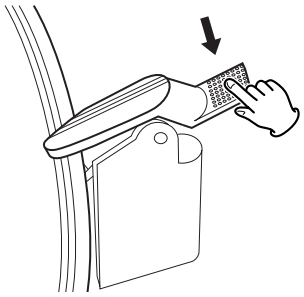
4 While holding the end of the tone arm, snap the clamper up to secure the tone arm.



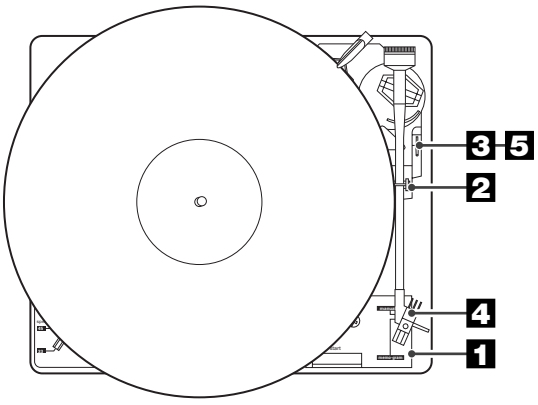
Even when the VOLUME knob (power switch of the main unit) is set to off, the rotation of the turntable does not stop until the tone arm is returned to the tone arm holder.
Be sure to stop playback especially after repeat playback.

To remove the records

Push the tab to open the record stabilizing clip, and carefully remove the records.



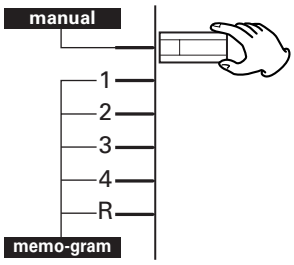
Manual Playback



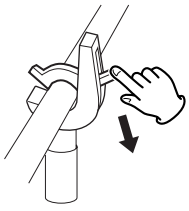
When a record has already been set on the turntable, you can start playback manually.

- Manual playback isn't possible when there is no record on the turntable. You may have to select 1, 2, 3, 4 or R to set a record.

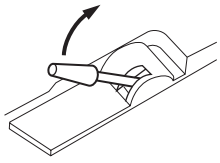
1 Select "manual".



2 Gently push the clamper to release the tone arm.

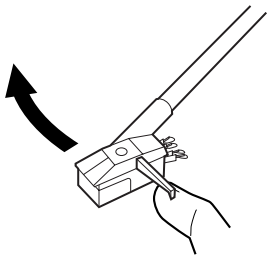


3 Raise the cue lever to lift the tone arm off the tone arm support.



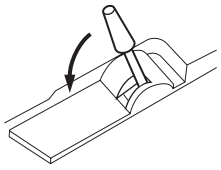
4 Move the tone arm gently to the edge of the record (or the starting point of a particular track).

The turntable will begin to turn.



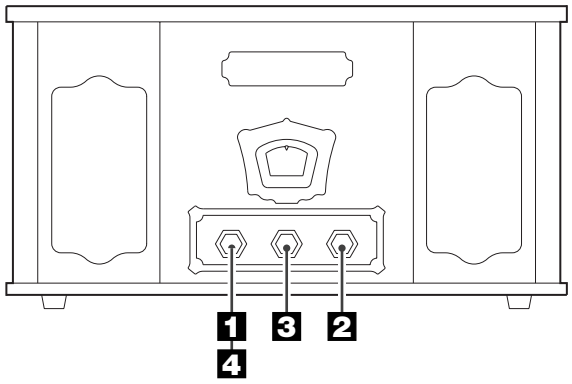
5 Gently lower the tone arm by slowly releasing the cur lever.

You can lower the tone arm manually if the cue lever has not been raised.

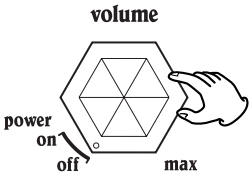


When the playback has finished, lift the tone arm using the cue lever and return it to the tone arm holder.

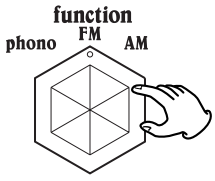
Listening to the Radio



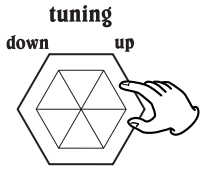
1 Turn the VOLUME knob clockwise till a click is heard to turn the unit on.



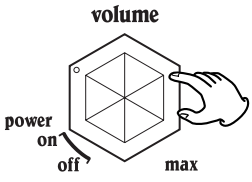
2 Turn the FUNCTION knob to "FM" or "AM".



3 Turn the TUNING knob to tune in a station.



4 Turn the VOLUME knob to adjust the volume.



If the reception is poor

AM broadcast

Turn around the unit to find the best position for AM stations.

FM broadcast

Extend and turn around the FM antenna so that you can get the stations clearly.

How to Replace the Stylus

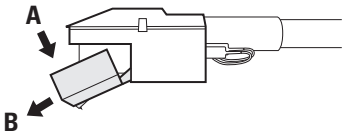
Stylus should last about 50 hours under normal use. However, it is recommended to replace the stylus as soon as you notice a change in sound quality. Prolonged use of a worn-out stylus may damage the record.

Caution:

- Do not remove or bend stylus.
- To avoid injury, do not touch the needle.
- Unplug the power cord from the outlet before you replace the stylus.
- Keep out of reach of children.
- Handle with care, as the stylus is delicate. Use of a bent or broken stylus may damage the record and cause mal-function.
- Do not expose stylus to extreme heat.
- Contact a qualified repair company if you experience difficulty in changing the stylus.

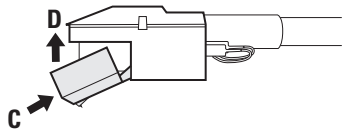
Removing old stylus

1. Set a screwdriver at the tip of stylus and push down to the direction "A".
2. Pull out to the direction "B".



Installing new stylus

1. Hold the tip of stylus and insert the other edge to the direction "C".
2. Push up to the direction "D" until it locks at the tip.



The replacement stylus for this GF-188 is a STL-188. Please contact TEAC Parts at (323) 726-0303, extension 840 to order. Or call our automated Service Agency Locator at: (800) 447-TEAC for the closest authorized repair company that can replace the stylus for you.

Troubleshooting

If you have problems with your system, look through this chart and see if you can solve the problem yourself before calling your dealer or TEAC service center.

No power

➔ Check the connection to the AC power supply.

No sound.

➔ Adjust the volume.

The sound is noisy.

➔ The unit is too close to a TV set or similar appliances. Relocate the unit further away from them, or turn the other appliances off.

Tuner

Cannot listen to any station, or signal is too weak.

➔ Tune in the station properly.
➔ If a TV is near the unit, turn it off.
➔ Rotate the unit or antenna wire for the best reception position.

Record Player

Cannot play.

➔ Turn the VOLUME knob clockwise, and select PHONO using the FUNCTION knob.
➔ Loosen the transportation screws.
➔ Make sure the clamper and the cue lever is released.
➔ If the stylus is worn-out, change the stylus.
➔ Select the correct playback speed.

Sound skips.

➔ Place the unit on a stable place to avoid vibration and shock. Make sure the unit is level both front to back and side to side.
➔ Clean the surface of the record.
➔ Don't use scratched, damaged or warped records.

Cannot stop playback. Cannot stop the rotation of the turntable.

➔ Select "manual" and return the tone arm to the arm holder.

Even though the playback of a record has finished, the unit does not go to the next record.

➔ If the grooves of the record do not continue far enough in towards the spindle at the end, the tone arm will not return to the tone arm holder and the unit cannot go to next record. Stop playback manually, and change the records.

Specifications

Amplifier section

Frequency Response ..... 60 Hz to 20 kHz

Tuner Section

Frequency Range (FM) ..... 87.50 MHz to 108.00 MHz
Frequency Range (AM) ..... 530 kHz to 1710 kHz

Record Player Section

Motor ..... AC synchronize motor
Drive System ..... Belt Drive
Speed ..... 33-1/3 rpm, 45 rpm
Wow and Flutter ..... less than 2.5% (WDT)
S/N ratio ..... More than 50dB
Cartridge type ..... Ceramic Stereo Cartridge
Stylus STL-188
Output Level ..... 160 - 380mV (5cm/sec at 1kHz)

Speaker System Section

Type 1-way
Impedance ..... 4 ohms

GENERAL

Power Requirements 120V, 60Hz
Power Consumption ..... 20 W
Dimension (W x H x D) ..... 430 x 375 x 230 mm
(16-15/16˝ x 14-3/4˝ x 9-1/16˝)
Weight ..... 7.8 kg (17-3/16 lb)

Standard Accessories

Owner's Manual x 1
Warranty Card x 1

- Design and specifications are subject to change without notice.
- Weight and dimensions are approximate.
- Illustrations may differ slightly from production models.

TEAC

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This appliance has a serial number located on the rear panel. Please record the model number and serial number and retain them for your records.

Model number Serial number

0903·MA-0841A